ORDER NO. MD0412609C0
A6

Service Manual

Speaker System

SB-PC930P

Colour

(S)... Silver Type

SB-PC930

SPECIFICATIONS

Specification	
Type	2 way, 3 speaker system (Bass reflex)
Speaker unit(s)	Impedance 4 Ω
1. Woofer	6.5 cm (2-1/2") Cone type
2. Woofer	6.5 cm (2-1/2") Cone type
3. Tweeter	6 cm (2-3/8") Ring shaped dome type
Input power (IEC)	260 W* (Max)
Output sound pressure	82 dB/W (1.0 m)
Cross over frequency	5 kHz
Frequency range	110 Hz - 50 kHz (-16 dB)
	140 Hz - 45 kHz (-10 dB)
Dimensions (W x H x D)	320 mm x 88 mm x 96 mm
	(12-19/32" x 3-15/32" x 3-25/32")
Mass	1.36 kg (3 lbs)

Notes :

1. Specifications are subject to change without notice.
2. Mass and dimensions are approximate.

SB-HT930P-S consists of : SB-FS930P-S (x 2), SB-FS931P-S (x 2)
and SB-PC930P-S (x 1)

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⚠ WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public.
It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product.
Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

Panasonic

1. System Combination

System	SC-HT930P-S	SC-HT930PC-S
Music Center	SA-HT930P-S	SA-HT930PC-S
Front Speakers	SB-FS930P-S	
Surround Speakers	SB-FS931P-S	
Centre Speaker	SB-PC930P-S	
Active Subwoofer	SB-WA930PP-S	

System	SC-HT930PX-S
Music Center	SA-HT930PX-S
Front Speakers	SB-FS930P-S
Surround Speakers	SB-FS931P-S
Centre Speaker	SB-PC930P-S
Active Subwoofer	SB-WA930PX-S

System	SC-HT930EE-S	SC-HT930GCTS	SC-HT930GN-S	SC-HT935EE-S
Music Center	SA-HT930EE-S	SA-HT930GCTS	SA-HT930GN-S	SA-HT935EE-S
Front Speakers	SB-FS930P-S			
Surround Speakers	SB-FS880EB-S			
Centre Speaker	SB-PC930P-S			
Active Subwoofer	SB-WA930EE-S	SB-WA930GCTS	SB-WA930GN-S	SB-WA935EE-S

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System	SC-HT930GC-S	SC-HT930GCSS	SC-HT930GS-S
Music Center	SA-HT930GC-S	SA-HT930GCSS	SA-HT930GS-S
Front Speakers	SB-FS930P-S		
Surround Speakers	SB-FS880EB-S		
Centre Speaker	SB-PC930P-S		
Active Subwoofer	SB-WA930GC-S		

System	SC-HT880EB-S	SC-HT880WEBS
Music Center	SA-HT880EB-S	SA-HT880WEBS
Front Speakers	SB-FS930P-S	
Surround Speakers	SB-FS880EB-S	
Centre Speaker	SB-PC930P-S	
Active Subwoofer	SB-WA880EB-S	

System	SC-HT880GN-S	SC-HT880WGNS
Music Center	SA-HT880GN-S	SA-HT880WGNS
Front Speakers	SB-FS930P-S	
Surround Speakers	SB-FS880EB-S	
Centre Speaker	SB-PC930P-S	
Active Subwoofer	SB-WA880GN-S	

System	SC-HT880E-S	SC-HT880EG-S	SC-HT880WEGS
Music Center	SA-HT880E-S	SA-HT880EG-S	SA-HT880WEGS
Front Speakers	SB-FS930P-S		
Surround Speakers	SB-FS880EB-S		
Centre Speaker	SB-PC930P-S		
Active Subwoofer	SB-WA880EG-S		

2. Disassembly Process

2.1. Disassembly of the Front Panel

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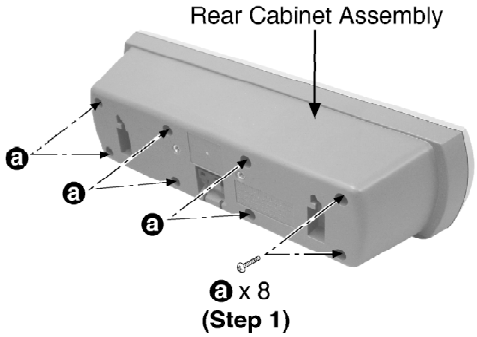
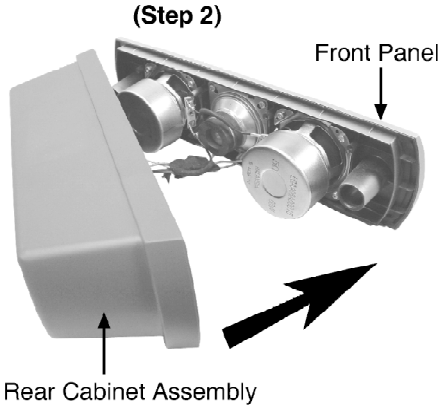


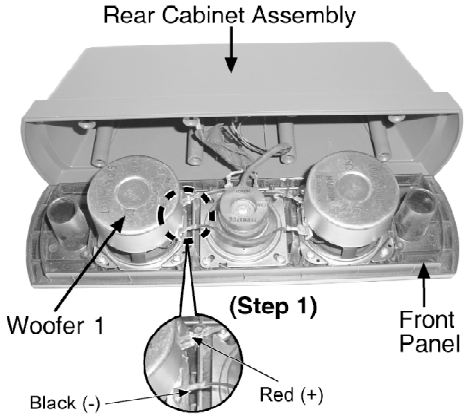
Step 1: Remove 8 screws from the Rear Cabinet Assembly.



Step 2: Push the Front Panel forward to detach from the Rear Cabinet Assembly as arrow shown above.

2.2. Disassembly of the Woofer 1

- Repeat step 1 to step 2 in item 2.1.



Step 1: Detach the wires (+) red and (-) black from the Woofer 1.

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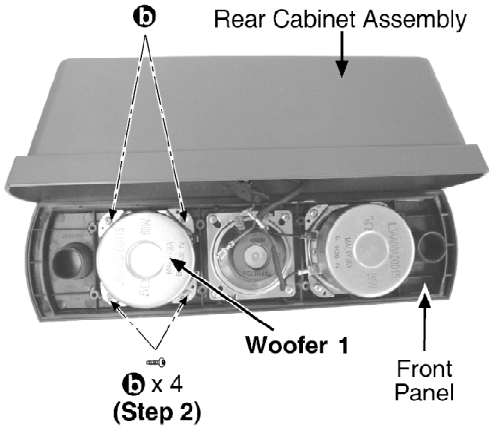
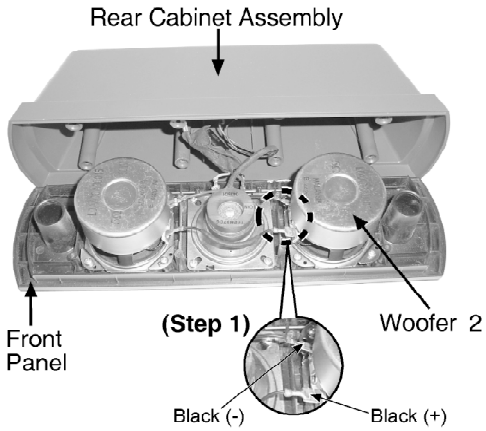


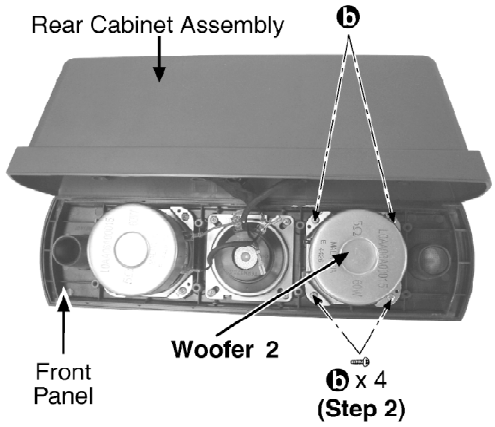
Step 2: Remove 4 screws from the Woofer 1.

2.3. Disassembly of the Woofer 2

- Repeat step 1 to step 2 in item 2.1.



Step 1: Detach the wires (+) black and (-) black from the Woofer 2.



Step 2: Remove 4 screws from the Woofer 2.

2.4. Disassembly of the Tweeter

- Repeat step 1 to step 2 in item 2.1.

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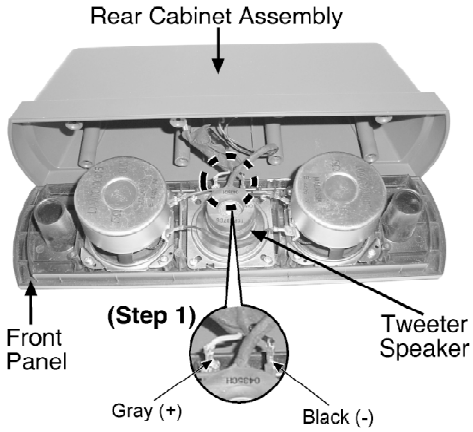
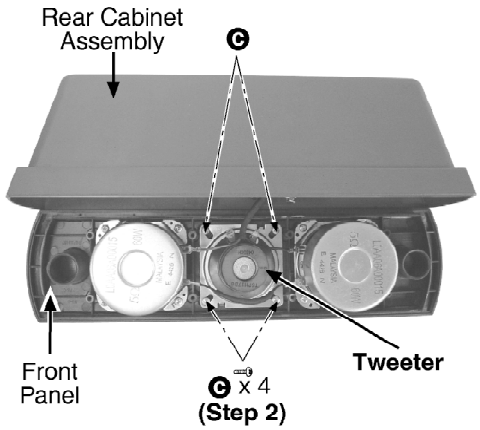


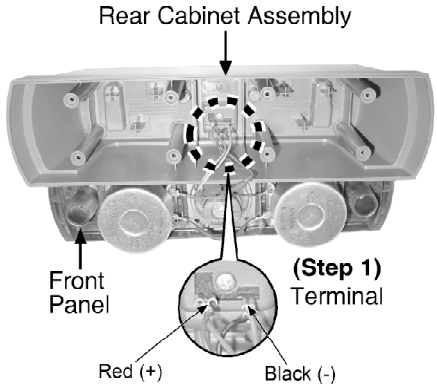
Step 1: Detach the wires (+) gray and (-) black from the Tweeter.



Step 2: Remove 4 screws from the Tweeter.

2.5. Disassembly of the Terminal

- Repeat step 1 to step 2 in item 2.1.



Step 1: Detach the wires (+) red and (-) black from the Terminal.

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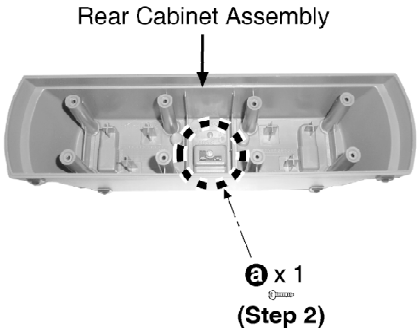
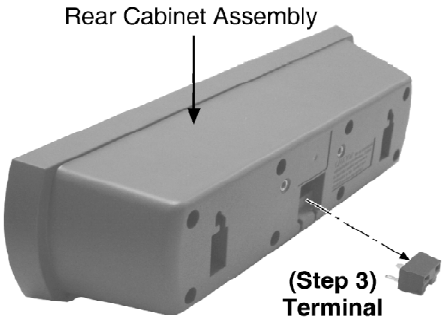


Step 2: Remove 1 screw from the Terminal.



Step 3: Remove the Terminal from the Rear Cabinet Assembly.

3. Connection of the Speaker Cables

- Be sure to connect speaker cables before connecting the AC power supply cord.

- The load impedance of any speaker used with this unit must be 4 Ω .

- Be sure to connect the cable from the right speaker to the right terminal and the cable from the left speaker to the left terminal.

1. Strip off the outer covering, and twist the center conductor. Make sure the bare ends of the wires are not unravelled. (If they are, twist them tight again.)

2. Insert the wire to the rear panel of the unit and close the lever.

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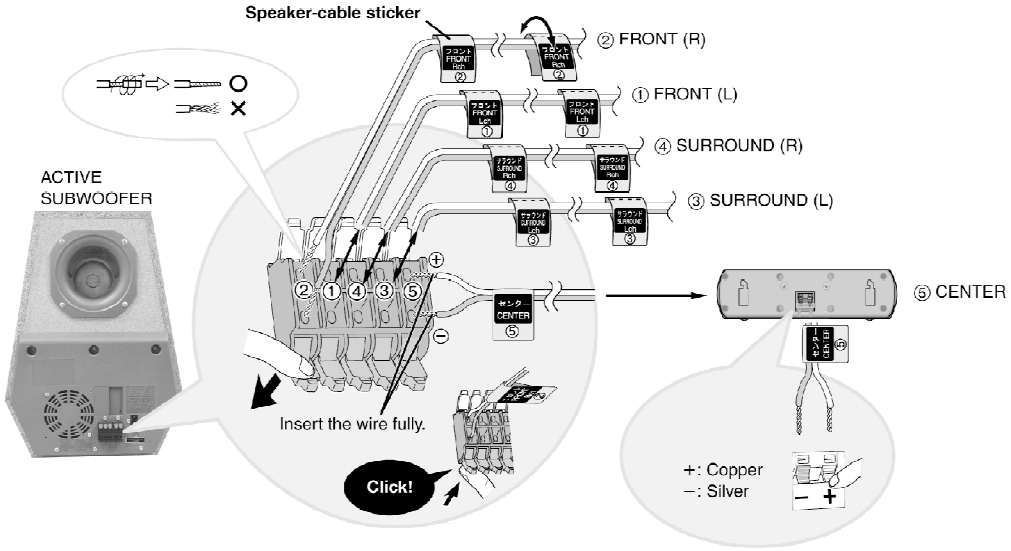
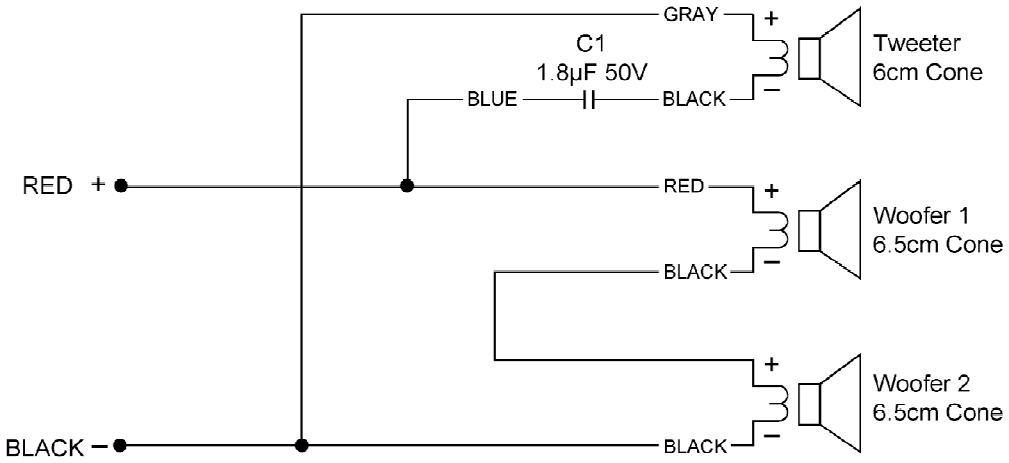


Notes :

- To prevent damage to circuitry, never short-circuit positive (+) and negative (-) speaker wires.

- Be sure to connect only positive (copper) wires to positive (+) terminals and negative (silver) wires to negative (-) terminals. Incorrect connection can damage the speakers.

4. Connection of Wiring Diagram



5. Cabinet Parts Location

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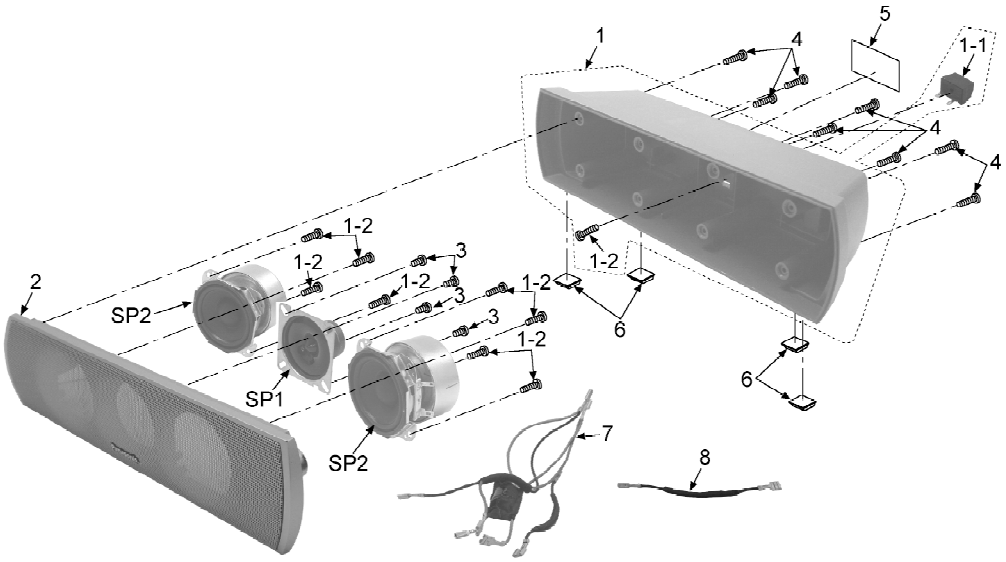

6. Replacement Parts List

Notes :

- Important safety notice :

When replacing any of these components, be sure to use only manufacturer's specified parts shown in the parts list.

- [M] indicates in the Remarks columns indicates parts supplied by PAVCSG.

Ref. No.	Part No.	Part Name & Description	Remarks
		CABINET AND CHASSIS	
1	RYBX0082-H	REAR CABINET ASS'Y	[M]
1-1	K4BC02B00017	TERMINAL JACK	[M]
1-2	XTB3+10GFJ	SCREW	[M]
2	RYBX0090-S	FRONT PANEL ASS'Y	[M]
3	XTB3+6GFJ	SCREW (TWEETER)	[M]
4	XTB3+12GFJ	SCREW (REAR CAB)	[M]
5	RGNX0275-K	SPEC LABEL	[M]
6	RKA0072-KJ	LEG CUSHION	[M]
7	REEX0437	NETWORK ASS'Y	[M]
8	REEX0457	TRANSIT WIRE	[M]
		CAPACITOR	
C1	ECEA1HAY1R8	1.8uf 50V	[M]
		PACKING MATERIALS	
P1	RPNX0304	POLYFOAM	[M]
P2	RPFX0110	MIRAMAT BAG	[M]
		SPEAKERS	

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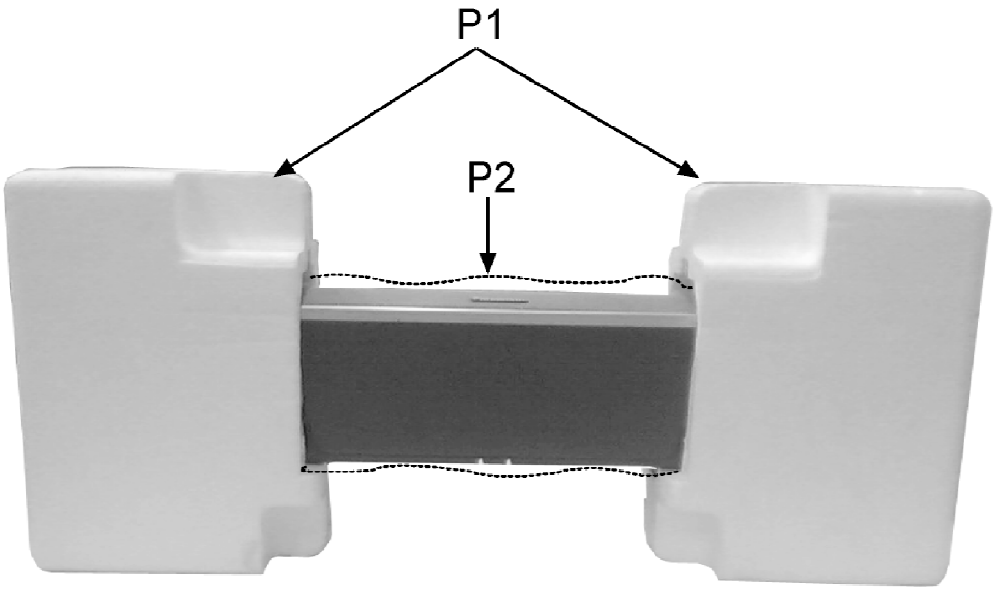
Ref. No.	Part No.	Part Name & Description	Remarks
SP1	EAST6PH17D6	TWEETER	[M]
SP2	L0AA06A00015	WOOFER	[M]

7. Packaging



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